BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

DIVISION: DASARAHALLI

SUB DIVISION: SHETTYHALLI

NAME OF WORK : Improvements to Park Fencing and other Works in ward no 12, Shettyhalli sub Division

Estimated Cost : 5.00 Lakhs
Job No : 012-19-000028
(P Code - 3292)

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Description of work	Unit	Measurements No	L	B	D	Qty	Rate	Amount
Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.**(PWD SR 2018-19, Page No.142, Item No. 19.1)** including Conveying the excavated earth silt, debris and over burden earth etc., to lead of 0 to 5 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of Engineer-in-charge of the work								
	cum	**1**	**26**	**20**	**0.25**	**130.00**		
						130.00	**215.78**	**28052.00**
Basic Rate	130.00							
add loading & unloading	57.00							
lead for 5 km=5*1.28*2.0	12.80							
Total	199.80							
add AW 6%	15.98							
	215.78							
Earth work excavation for foundation of building water sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of coldsComplete as per specification and direction of Engineer-in-charge of the work.(PWD SR 2018-19 Page No.5 , Item No. 2.4)								
Government Hospital	**cum**	**4**	**0.5**	**0.5**	**0.5**	**0.50**		
	~~sqm~~	**1**	**99**	**0.45**	**0.2**	**8.91**		
		1	**56.5**	**0.45**	**0.2**	**5.09**		
		1	**93**	**0.45**	**0.2**	**8.37**		
opposite side		**1**	**108**	**0.45**	**0.2**	**9.72**		
lakshmipura main road		**1**	**123**	**0.6**	**0.45**	**33.21**		
		1	**56**	**0.6**	**0.45**	**15.12**		
		1	**98**	**0.6**	**0.45**	**26.46**		
drain desilting		**1**	**99**	**0.6**	**0.45**	**26.73**		
		1	**56.5**	**0.6**	**0.45**	**15.26**		
		1	**93**	**0.6**	**0.45**	**25.11**		
		1	**108**	**0.6**	**0.45**	**29.16**		
						203.63	**316.94**	**64538.49**
Basic rate	299.00							
Add AW 6%	17.94							
	316.94							

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	KSRRB M2100 -10. **Plain cement concrete of mix 1:3:6** with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46 cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scafofolding and centering complete as per specifications MORTH Specification No. 2100 **(PWD SR 2018-19 Page No.222 , Item No. 27.18)**							
		cum	**3**	**0.5**	**0.5**	**0.15**	**0.11**	
							0.11	**5421.90**	**610.00**
	Basic rate	5,115.00						
	Add AW 6%	306.90						
		5,421.90						
	Providing and constructing granite / trap / basalt **size stone masonry** in **basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. **(P 255 It No 34.9)**							
		cum	**3**	**0.5**	**0.45**	**0.3**	**0.20**	
							0.20	**5811.98**	**1176.92595**
	Basic rate	5483.00						
	Add AW 6%	328.98						
		5811.98						
	Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mmc/c bothways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials - Data rate approved by Chief Engineer, Dasarahalli zone							
	Misssing slabs	**sqm**	**45**	**0.6**	**0.9**		**24.30**	
							24.30	**2208.00**	**53654.40**
	Approved Data rate	**2,208.00**						
5	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation. (P. No. 43 / I. No. 7.37 of PWD SR 2018-19)							
		Sqm	**1**	**6**	**2.4**		**14.40**	

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						14.40	**3192.72**	**45975.168**
Basic rate	3012.00							
Add AW 6%	180.72							
	3192.72							
KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications (It 15.74 & P.No 121)								
Government Hospital	**sqm**	**1**	**99**	**2.4**		**237.60**		
		1	**56.5**	**2.4**		**135.60**		
		1	**93**	**2.4**		**223.20**		
opposite side		**1**	**108**	**1.5**		**162.00**		
Basic-	**95.00**					**758.40**	**100.70**	**76370.88**
Add 6% Area weightage	5.70							
Total	**100.70**							
Supplying and fixing **M.S. Rectangular poles** made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) **(PWD SR 2018-19 P.No.266 ,I.No.37.2)**									
Abbigere Park	**mtr**	4	2.50			10.00		
						10.00	**910.54**	**9105.00**
Basic-	859.00							
Add 6% Area weightage	51.54							
Total	**910.54**							
Providing and fixing **M.S. Block pipe of 38mm dia**, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint.(**P.No.266 ,I.No.37.4)**								
	mtr	61	2.00			122.00		
						122.00	**432.48**	**52762.56**
Basic rate	408.00							

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	Add 6% Area weightage	24.48							
	Total	**432.48**							
10	Providing **chain link fencing 50mm size of 8 guage** properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including **two coats of approved quality paint** over one coat of shop paint (Page no-266, Item no-37.3)								
		sqm	1	42.00		1.80	75.60		
							75.60	**757.90**	**57297.24**
	Basic-	715.00							
	Add 6% Area weightage	42.90							
	Total	**757.90**							
11	KSRB 4-1.6 ; Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. **(P.No 12, It 4.6 of PWD SR 2016-17)**								
	Chain link Fencing	cum	17	0.50	0.50	0.45	1.91		
			2	42.00	0.50	0.100	4.20		
	Basic Rate	5422.00					**6.11**	**5747.32**	**35116.13**
	AW 6%	325.32							
	Total	**5747.32**							
							Sub Total		**424030.94**
12	Add GST @ 12 %								**50883.71**
13	Add Tender Premium @ 5%								**21201.55**
14	Add for unforseen charges and rounding off							**L.s**	**3883.80**
							Grand Total		**500000.00**
	(Rupees five Lakhs Only)								

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2016-17 PRED SR 12-13
4. The Provisions made in the estimate are Necessary and essential.
5. This work is not included in any other work taken up

Assistant Engineer
Ward-12

Asst. Executive Engineer
Shettyhalli Sub-division
BBMP, Bangalore

Exeutive Engineer
Dasarahalli division
BBMP, Bangalore

ಸಂ. KE/DD/AS/ಶೆ/18-19 ದಿನಾಂಕ : 17/01/2019
ರೂ. 5.00 Lakhs/- (Rs Five Lakhs only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಸಂ. EE/DD/TS/27/16-17 ದಿನಾಂಕ : 17/01/19
ರೂ. 5.00 Lakhs/- (Rs Five Lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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